

Title: JP02035450A2: SILVER HALIDE COLOR PHOTOGRAPHIC SENSITIVE MATERIAL

Derwent Title: Silver halide colour photographic material - contg. phenol series cyan coupler in photosensitive material [Derwent Record]

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Published / Filed: 1990-02-06 / 1988-07-26

Application Number: JP1988000187778

IPC Code: G03C 7/34; G03C 7/26; G03C 7/305;

Priority Number: 1988-07-26 JP1988000187778

Abstract: PURPOSE: To improve the red color reproducibility and the graininess of the photosensitive material by incorporating a specified cyan coupler and a DSR compd. in the photosensitive material.

CONSTITUTION: The phenol type cyan coupler (A) which has a group shown by formula I at 2-position of a phenol nucleus and a group shown by formula II or III, etc., at 5-position of the nucleus, and the compd. (the DSR compd.) capable of being released a compd. (its precursor) which can scavenge an oxidant obtd. by being allowed the compd. to react with the oxidant of a developing main agent, are incorporated in the photosensitive material. In the formula, R1 and R2 are each (cyclo)alkyl group, etc., R3 is alkyl or aryl group, etc., K is 0 or 1, R21 is hydrogen atom or alkyl group, X4 is >NR22 group, etc., R22 is (cyclo)alkyl group, etc., X5 is an atomic group necessary for forming a ring together with a group X4, X6 is a substituting group, (m1) is 0-10. The component (A) is composed of a compd. shown by formula IV wherein R1 is C₂H₅ group, R2 and Z1 are each hydrogen atom, R3 is C₁₆H₃₃ group, etc. The component (B) is composed of a compd. shown by formula V.

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